

Abstract

A three-dimensionally structured fibrous web made up of continuous-filament layers which alternate perpendicular to the surface plane, and denser short-fiber layers that are permanently thermally bonded in a continuous or spot-like manner to the filament layers, the wide-mesh continuous-filament layers representing a scrim, lattice, or netting, has on the short-fiber layers repeating, fold- or wave-shaped elevations. In the manufacturing process, all of the layers of the laminate are subjected together to a shrinkage process at a temperature which lies between the softening and melting points of the scrim material.